User Manual

8X12W Quad LED Moving Beam Bar

Please read these operating instructions carefully to familiarize yourself with the basic operating instructions of this unit. These instructions contain important information regarding the use and maintenance of the unit. Please keep this manual with the unit for future reference.

Warning: to prevent or reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture. Never look directly into laser beam. Use of controls, adjustments, or procedures other than those specified herein may result in hazardous radiation exposure.

Caution:

1.There are no user service parts inside this unit. Don't attempt any repairs yourself. Please turn to qualified service personnel for repairs.

2. Be sure the local power outlet matches the required voltage of this unit.

3. Disconnect from main power before making any connection.

4. Always be sure to mount this unit in an area which will allow proper ventilation.

5. This unit is intended for indoor use only.

6. During long periods of non-use, disconnect the main power.

7. Always replace with the exact same type lamp and fuse. Disconnect the unit from the main power and allow the unit the ample time to cool before attempting to replace the lamps and fuse.

8.Use normal glass cleaner or a soft cloth to wipe down the unit casing. Always be sure to dry all the parts completely before plugging the unit back in.

Main Features:

Humanization designed,easy operation;

0-100% Linear dimming;

Flicker free;

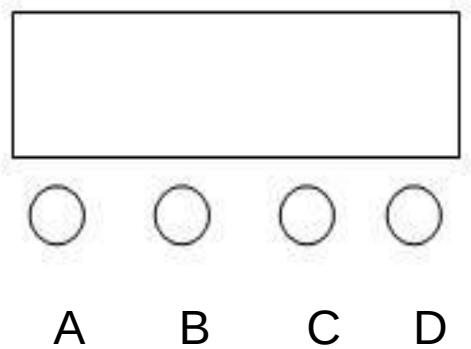
Wonderful and shocked beam effects;

Can be used in the high strict situations,such as the Studio,TV Station and so on.

Operations:

1. LED Display

Graphic sections:



A. Menu

B. UP

C. Down

D. Enter

Instructions: Press the function key A cycled out of eight different functional effects, digital tube in which the first two digits represent the current function (see menu). The last two digits represent the kinds of functions which the Address code, or speed parameters. Press B or C key to modify its parameter values. Press the D key to confirm.

LED display window function table(All functions by selected and then press the D key to confirm)

No.	Display	Display Function
1	A001	10 channel address codes (001-512) B, C key code value subtraction address
2	D001	38 channel address codes (001-512) B, C key code value subtraction address
3	CC00	Colorful hopping, (01-99) B, C key to modify the transition speed
4	CP00	Colorful gradient, (01-99) B, C key to modify the velocity gradient
5	DE00	Colorful clock change, (01-99) B, C key to modify the variable speed pulse
6	FF00	Running changes (01-99) B, C key to modify the running speed
7	BEB1	Colorful voice changes __1 running
8	BEB2	Colorful voice changes __2running

2. Operation Modes:

(1) DMX 512 protocol

Addressing

The LED DISPLAY on the rear side of the base allows you to assign the DMX fixture address, which is defined as the first channel from which the item will respond to the controller. If you set, for example, the address to channel 1, the item will use the channel 1 to 10 or 38 for control. Please, be sure that you don't have any overlapping channels in order to control each item correctly and independently from any other fixture on the DMX data link. If two, three or more items are addressed similarly, they will work similarly. At DMX mode you can choose the address from 1 to 512.After you connect the item to the mains, the item starts running. When the item finishes resetting, A001 or D001 will flash in the led display and then set the desired DMX address by pressing the UP or DOWN buttons.

DMX Controlling:

After having addressed all items, you may now start operating these via your lighting controller. After switching on, the item will automatically detect whether DMX 512 data is received or not.

DMX-512 Channel function：

10-channel mode:

NO.	Function	Explanation
CH 1	Motor	Motor angle
CH 2	Motor	Motor speed
CH 3	Total light adjustment	R, G, B, W total dimming, linear dimming from dark to light
CH 4	Total Strobe	R, G, B, W total strobe, from slow to fast
CH 5	Function selection	0 - 20: DMX 10 channel control; 21 - 70: Transition; 71 - 120: Gradient; 121 - 170: Pulse change; 171 - 220: running; 221 - 240: Voice 1; 241 - 255: voice 2
CH 6	Function Speed	Feature speeds from slow to fast
CH 7	R dimming	R dimming, linear dimming from dark to light
CH 8	G dimming	G dimming, linear dimming from dark to light
CH 9	B dimming	B dimming, linear dimming from dark to light
CH 10	W dimming	W dimming, linear dimming from dark to light

38-channel mode:

No.	Function	Explanation
CH 1	Motor	Angle
CH 2	Motor	Motor speed
CH 3	Total light adjustment	R, G, B, W total dimming, linear dimming from dark to light
CH 4	Total Strobe	R, G, B, W total strobe, from slow to fast
CH 5	Function selection	0 - 20: DMX 38 channel control; 21 - 70: Transition; 71 - 120: Gradient; 121 - 170: Pulse change; 171 - 220: running; 221 - 240: Voice 1; 241 - 255: voice 2
CH 6	Function Speed	Feature speeds from slow to fast
CH 7	R1 dimming	R1 dimming, linear dimming from dark to light
CH 8	G1 dimming	G1 dimming, linear dimming from dark to light
CH 9	B1 dimming	B1 dimming, linear dimming from dark to light
CH 10	W1 dimming	W1 dimming, linear dimming from dark to light
CH 11	R2 dimming	R2 dimming, linear dimming from dark to light
CH 12	G2 dimming	G2 dimming, linear dimming from dark to light
CH 13	B2 dimming	B2 dimming, linear dimming from dark to light
CH 14	W2 dimming	W2 dimming, linear dimming from dark to light
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CH 35	R8 dimming	R8 dimming, linear dimming from dark to light
CH 36	G8 dimming	G8 dimming, linear dimming from dark to light
CH 37	B8 dimming	B8 dimming, linear dimming from dark to light
CH 38	W8 dimming	W8 dimming, linear dimming from dark to light

(2) Sound active

Press the Menu button, till BEB1 or BEB2 shows in the led display, confirm by the the button ENTER, then the item will run to the beat of music.

(3) Auto

Press the Menu button, till CC,CP,DE, or FF shows in the led display,confirm by the button ENTER,
Then the item will run as the program,which shows in the above “LED Function Menu”

(4) Synchronization & master /slave mode

Take one item and set the item at sound active, or auto as above, then get other items and press the button MENU, till D001 shows in the led display, confirm by the button of ENTER, then connect the items to the item at auto/sound active already set by DMX cables, disconnect the items from DMX controller, the items will wok simultaneously, the item at auto/sound active as master, the others as slave.

TECHNICAL SPECIFICATIONS

Power supply: AC 90-240V, 50/60Hz
Power consumption: 100W
DMX Channels: 10/38CH
DMX-512-connection: 3-pin XLR
Control modes: DMX512,Auto,Sound active,Master/slave.
Light source: 8*12W RGBW 4 in 1 CREE LEDs
LED’s Life: 60,000-100,000hrs.
Dimming: 0-100%
Housing: Iron housing, IP20
Beam angle: 3°
Pakcing Size:115*16*24cm ; GW: 8.8kg

Please note: All information subject to change without notice.